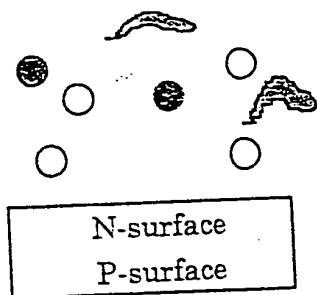
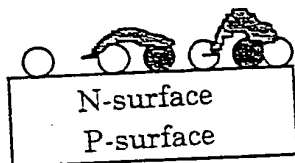


(1) At the initial time



- Inorganic ion forming bones
- Protein
- Cell

(2) At an intermediate time



(3) After use for a long time

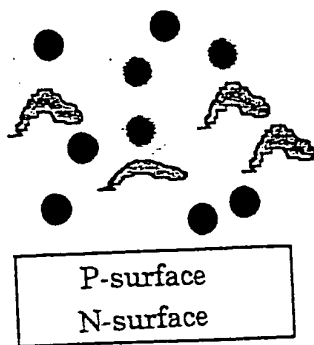



Formation of a new bone

Polarized ceramics

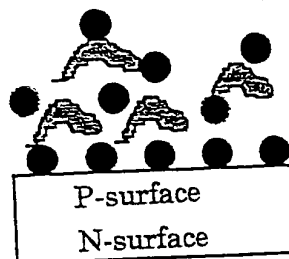
000000-051111-000000

(1) At the initial time

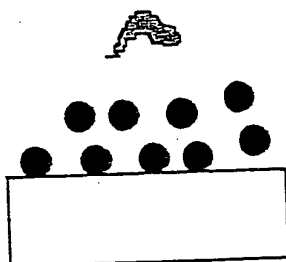


● Chlorine ion  
 Bacterium

(2) At an intermediate time



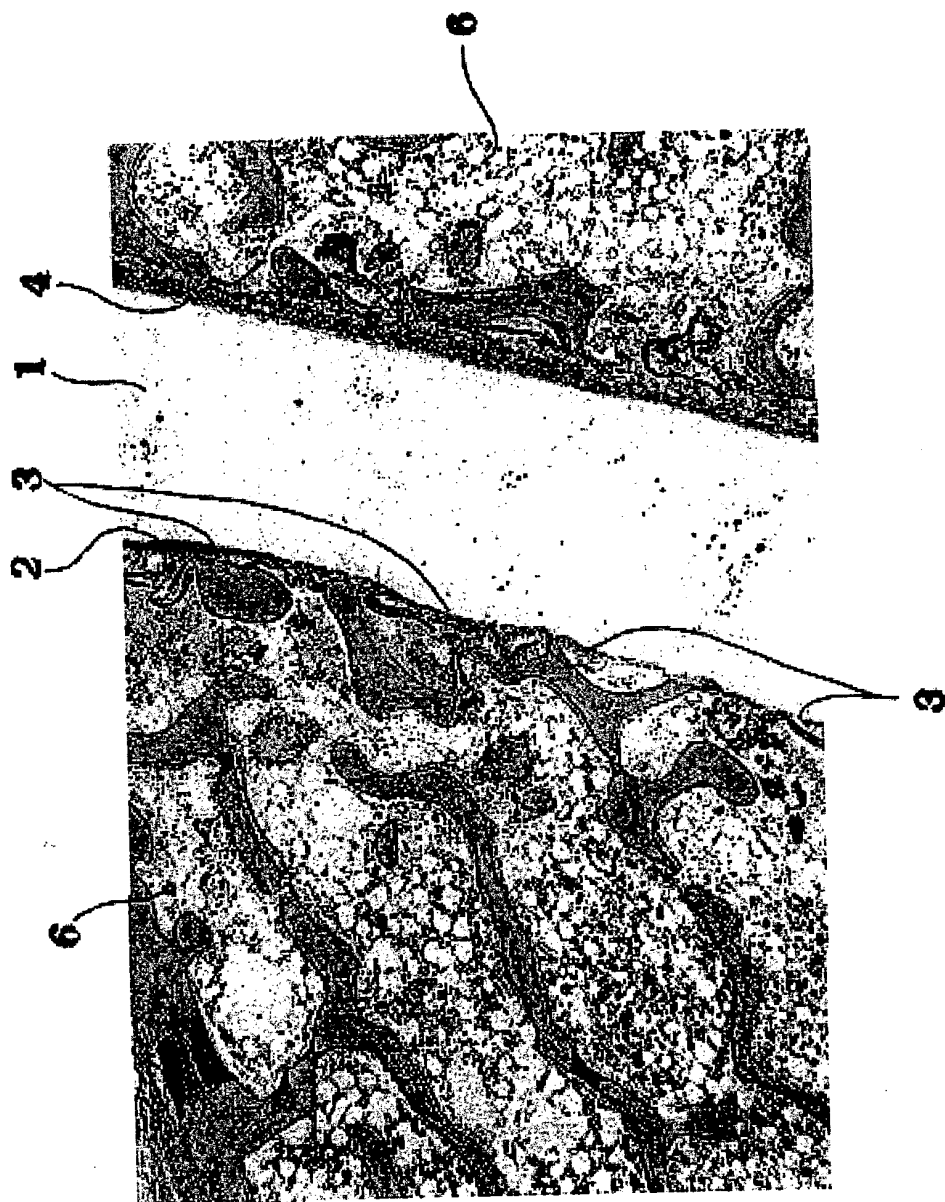
(3) After use



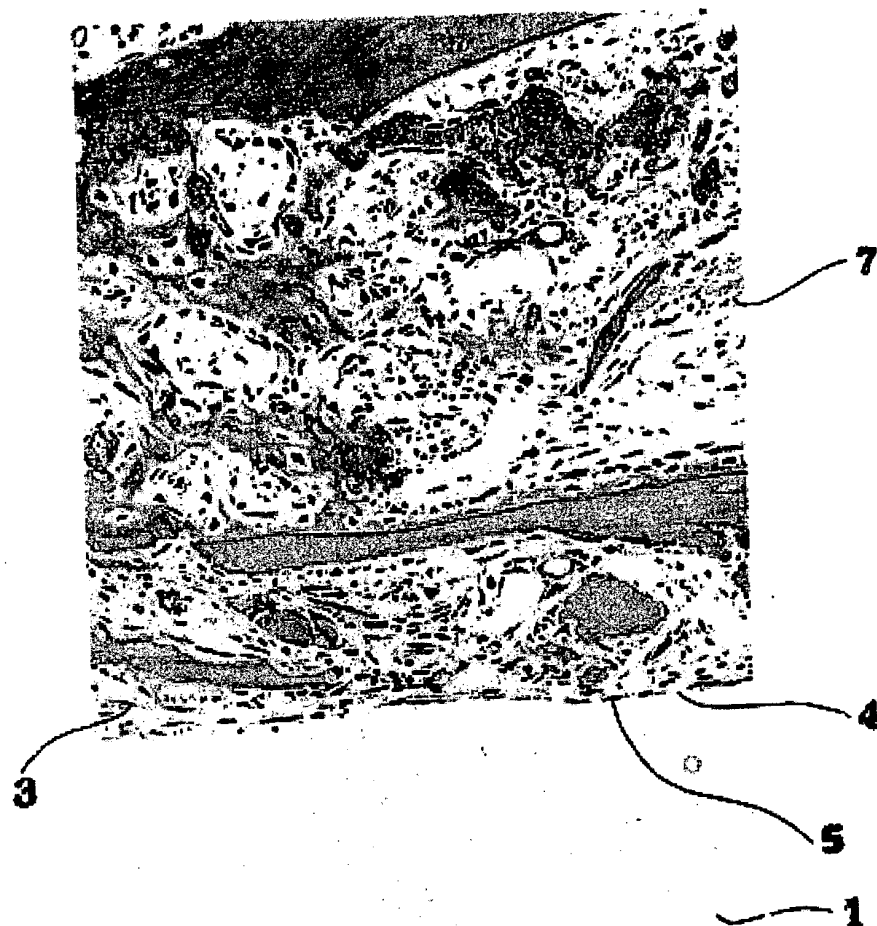
Bacteria killed

000000-09722500

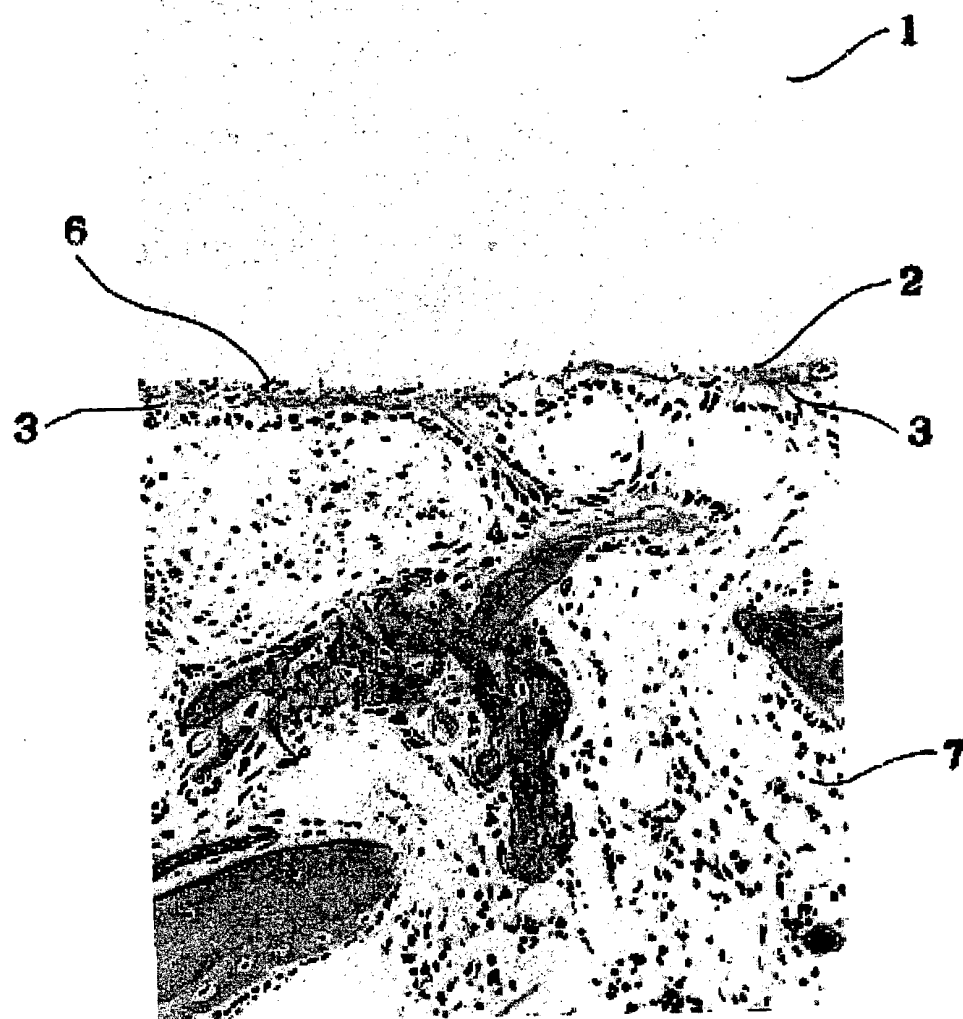
【图 3】



【図4】

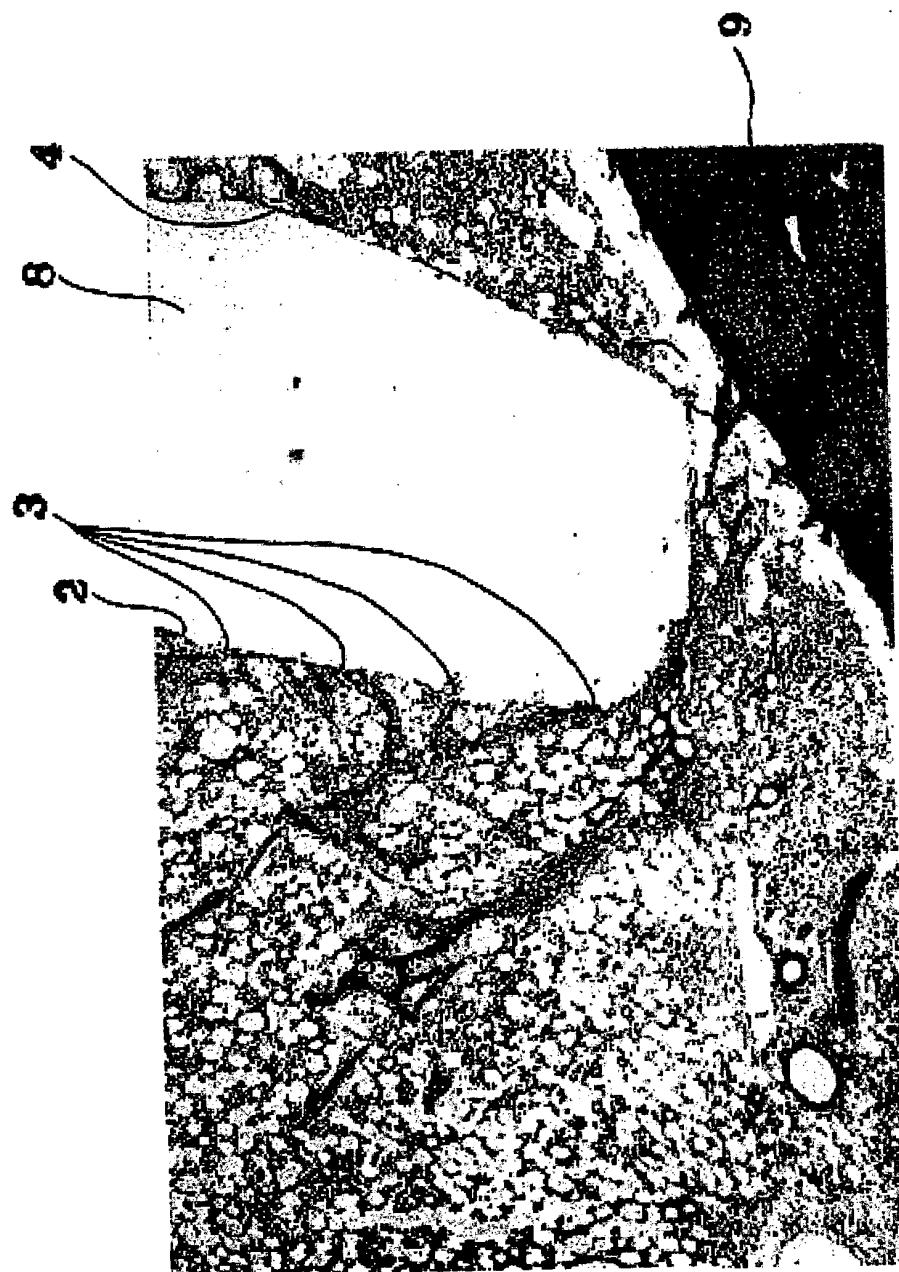


00533150-032300

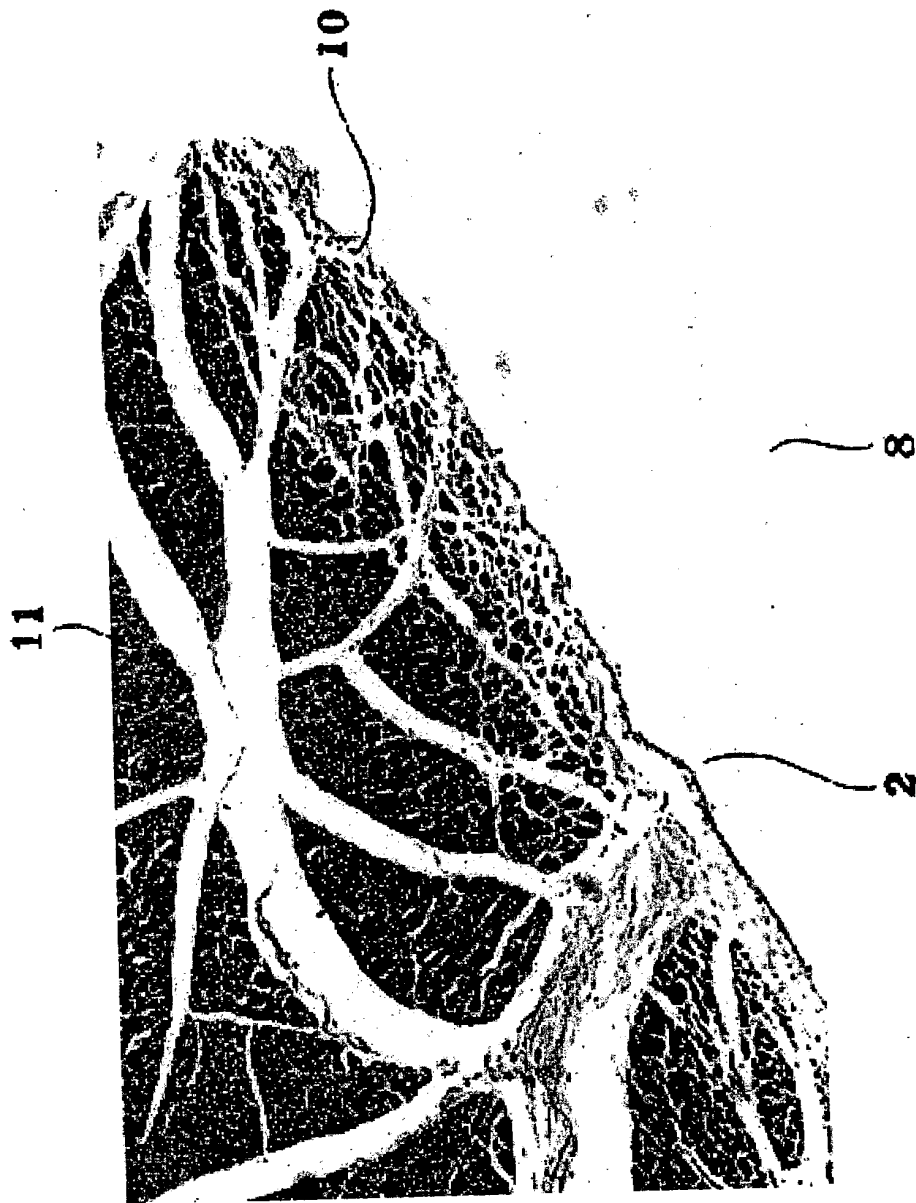
[illegible]

000220-05TEE560

【图6】

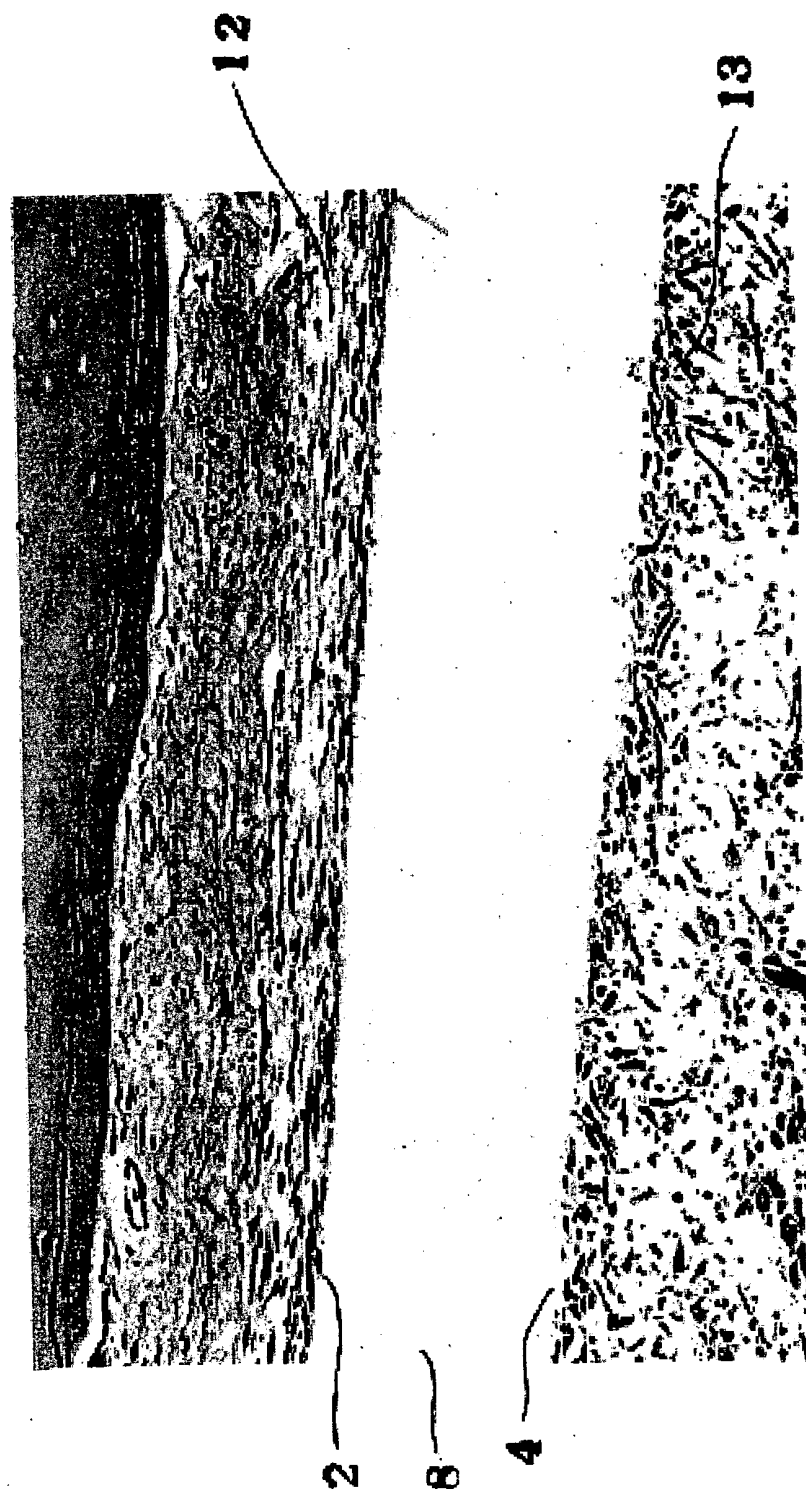


【图 7】

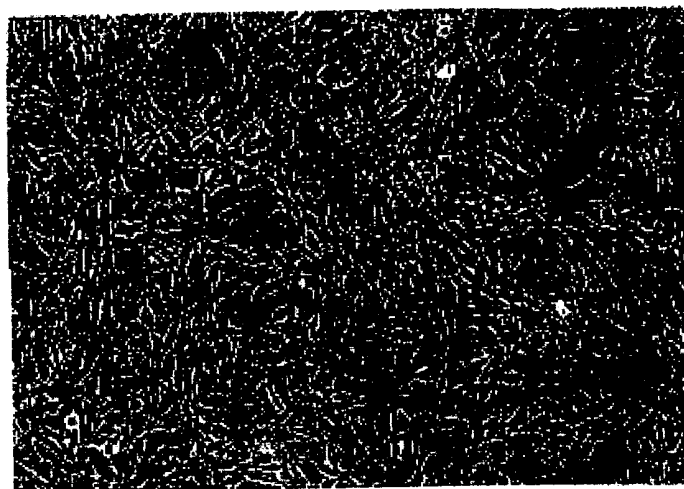


【圖 8】

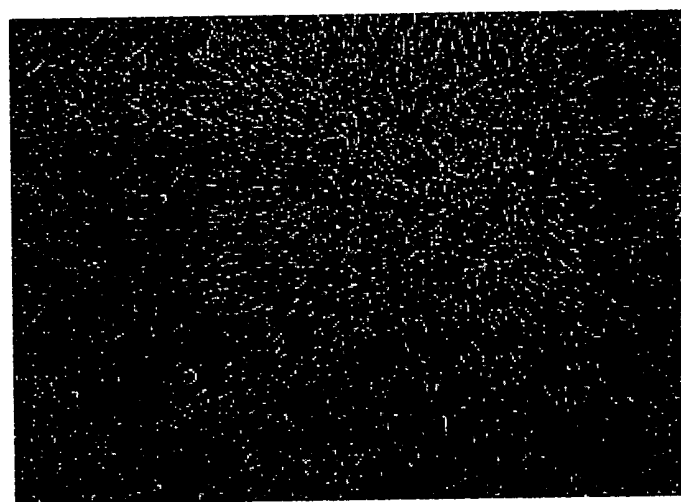




【 10 】



Control (Cell culture dish)



Negatively charged surface



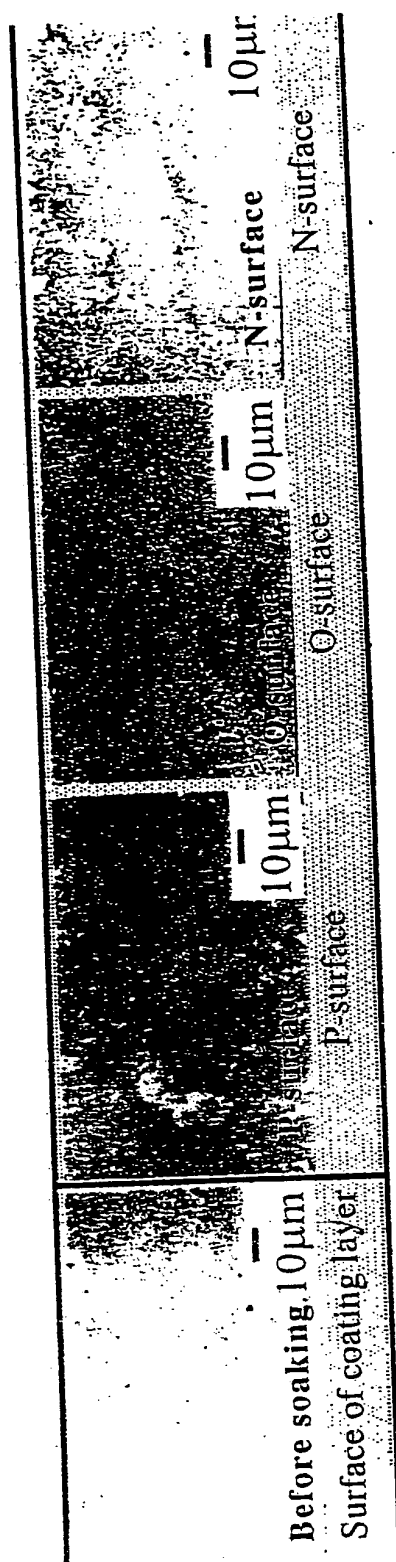
Positively charged surface

000000-05700000

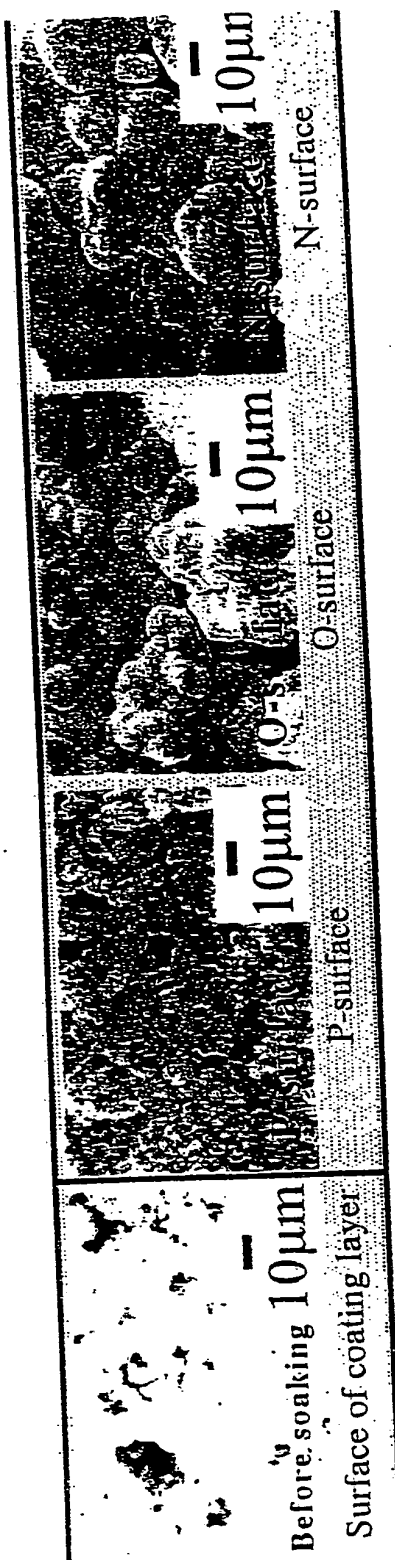
00533450-032300



【図 1 2】

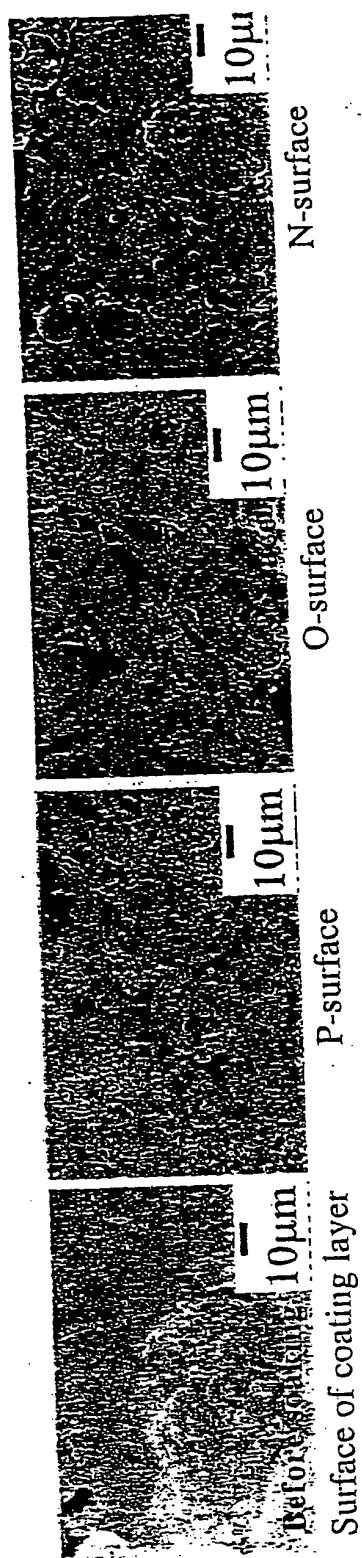


【図 1 3】

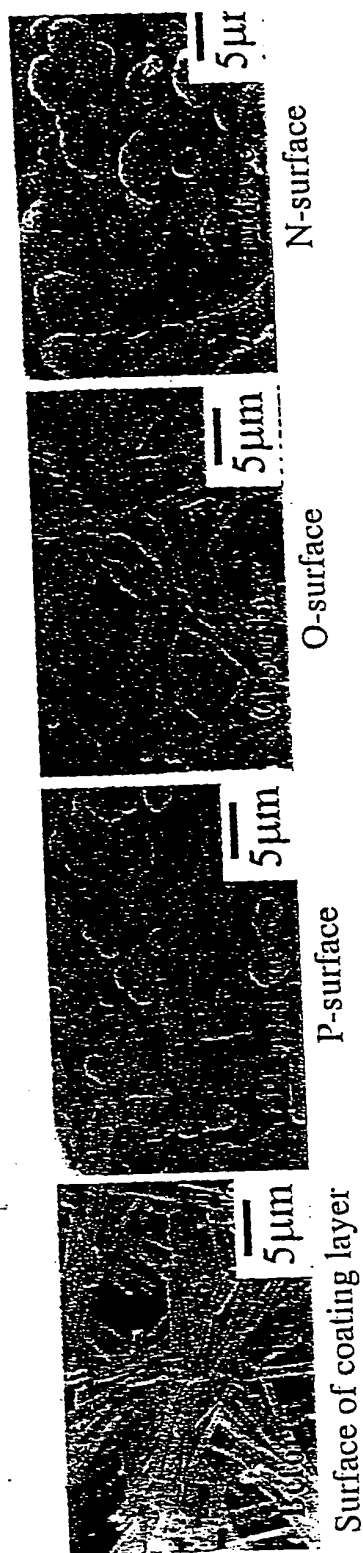


00000-05700000

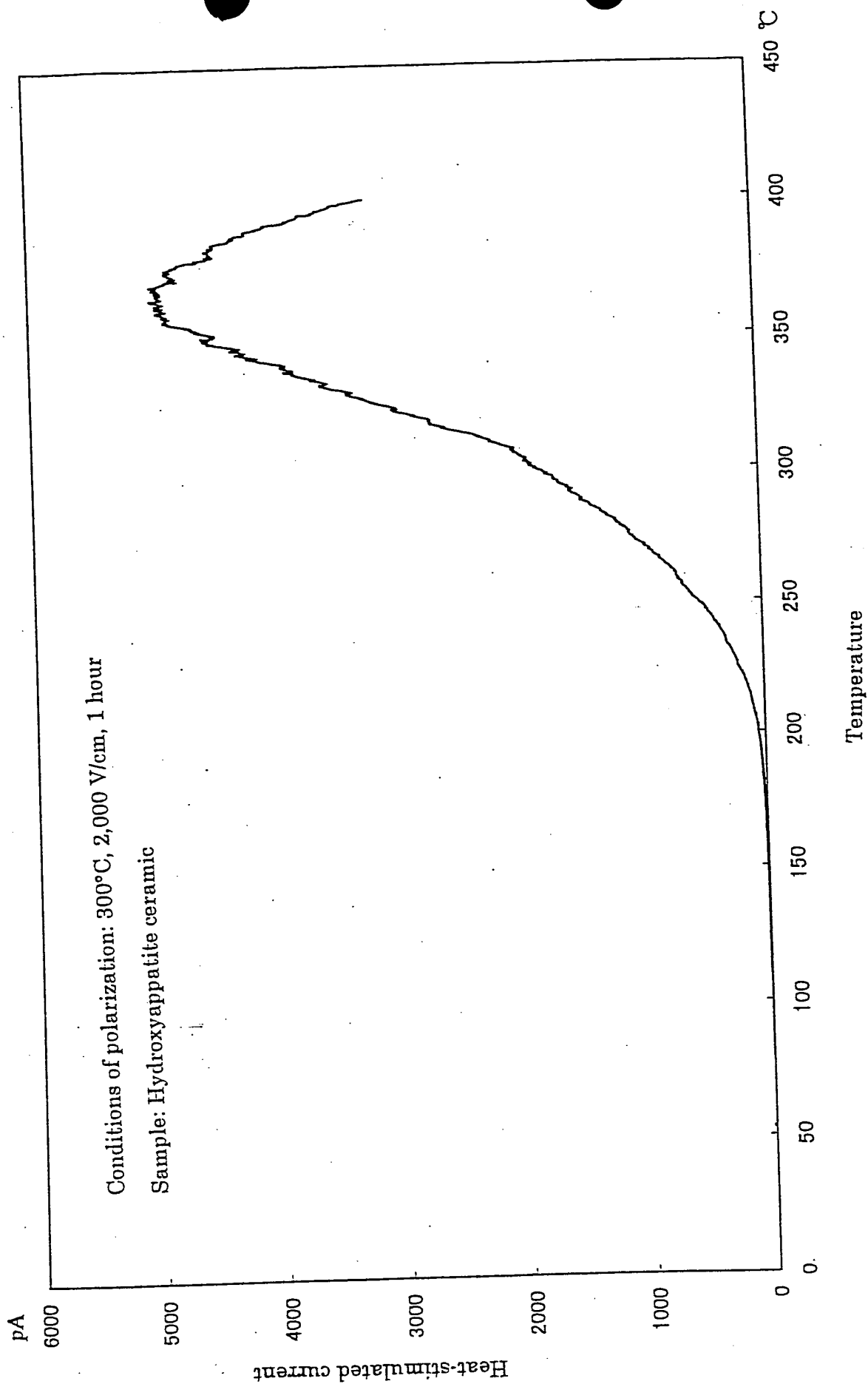
【図 1 4】

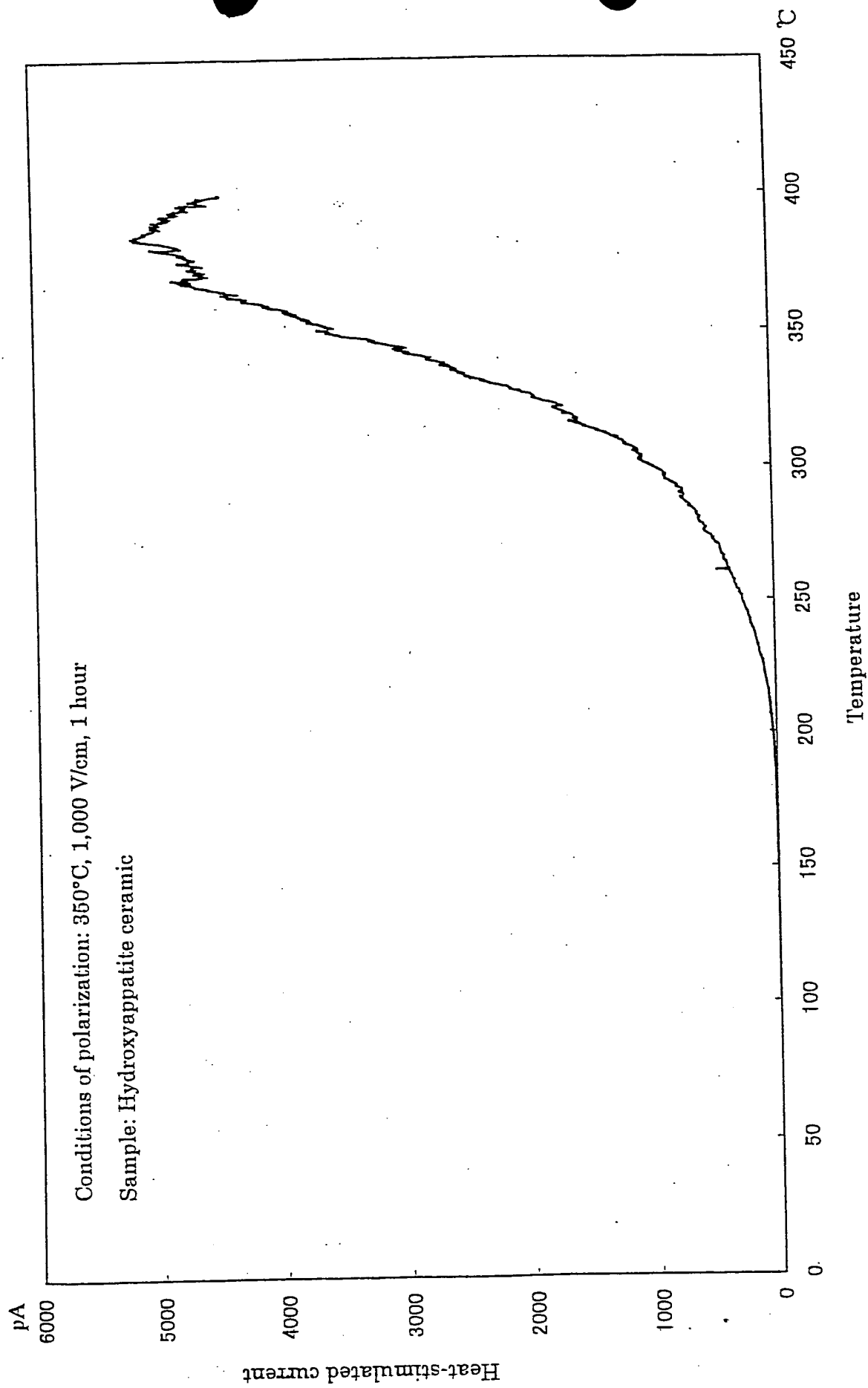


【図 1 5】



00000-03122500





00000-057E560

